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(113)

DPD-4620-59

13 July 1959

MEMORANDUM FOR: Acting Chief, DPD-DD/P

SUBJECT : Malfunction Report, Period Ending 30 June 1959

1. The following malfunction information is presented for the period ending 30 June 1959:

I. Communications

- A. Detachment "C" - No mission or preflight malfunctions and only routine bench check problems on the System III and the Rambo TWT amplifier.
- B. Detachment "B" - An extensive report was submitted reporting minor bench check failures. Notable among these were 5 capstan and 1 take-up motor drive assemblies which indicates the defective units are being worked out of the equipment. There were malfunctions on four missions as follows:

8 June - Mission 1512 - System VI - cable broken at plug. Repaired.

12 June - Mission 1515 - System III - receivers locked on spurious signals due incorrect sensitivity setting. Corrected.

PERSONNEL
ERROR

13 June - Mission 1516 - System VI - recorder plug not secured.

PERSONNEL
ERROR

18 June - Mission 4122 - System VI - recorder plug loose.

PERSONNEL
ERROR

II. Photographic Equipment

- A. During the period 2 June 1959 through 30 June 1959, there were a total of twenty-nine missions reported flown using photographic equipment. Equipments malfunctioned on four of these missions giving an overall effectiveness of 86.4%. ✓

- B. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B Conf.</u>	<u>Trackers</u>
Missions flown	0	0	12	29
Malfunctions	0	0	1 ✓	3
Per Cent Eff.	0	0	91.5%	89.66%

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II. Photographic Equipment (Cont'd)

C. The one B Configuration equipment malfunction occurred during let down at completion of mission, and although the mission was successful, it was counted as an equipment malfunction in the evaluation contained in II. B.

D. Tracker malfunctions were due to the following:

- a. Stiff scan latch ✓
- b. Binding in scan head ✓
- c. Scan clutch not properly adjusted ✓

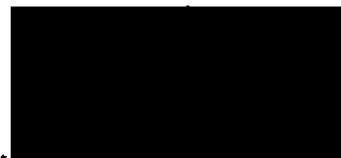
} Correctible at
Bench check.
POOR MAINT. (B)

E. Trackers SN-5 and SN-10 are now being returned to the factory for overhaul.

III. Air Frame and Engines

No malfunctions reported this period.

25X1A



Chief, Materiel Branch
DPD-DD/P

MB/DPD-DD/P:CFW:ms
Dist: / - A/CH/DPD
1 - DD/P
1 - OPS/DPD
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